

Collomia renacta E. Joyal**BARREN VALLEY COLLOMIA****FAMILY:** *Polemoniaceae*, the phlox family.**SYNONYMS:** *Collomia linearis* (?)**STATUS:****Heritage Program SENSITIVE LIST, ranks: G1Q S1****USFWS/ESA:** species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species in Nevada.**USFS:** none. **NNNPS:** watch list.**POPULATION CENSUS (NEVADA):** 2 occurrences mapped; total estimated individuals 126+, total estimated area unknown. **TREND:** unknown.**IMPACTS AND MAJOR THREATS (NEVADA):** Road building, maintenance, and off-road vehicle use, trampling by livestock and feral animals, mineral exploration and development, fire and fire suppression activities, competition with invasive weeds, apparently small population numbers and area.**INVENTORY EFFORT (NEVADA):** Systematic surveys with uncertain results have been conducted. Many more are needed, but are difficult to plan due to the annual habit of the species. Most recent entered survey 1983, average year of last survey 1962. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20** yrs: 50%; **51+ yrs or unknown:** 50%.**LAND MANAGEMENT (NEVADA)** in decreasing predominance: U. S. Bureau of Land Management, private lands (?).**RANGE:** Elko County, Nevada; also in OR. In Nevada known only from the Pequop Range. Maximum Nevada **range dimension 9.6 km (5.9 mi)**.**ELEVATIONS RECORDED (NEVADA):** 6800-7200 feet (2073-2195 meters).**HABITAT (NEVADA):** Lightly disturbed north-sloping rocky soil near drainage bottom, ecotone between *Artemisia tridentata* and *A. arbuscula* associations.**PHENOLOGY:** flowering late-spring. Range of most frequent **survey months:** May-June.**LIFE-FORM AND HABIT:** small annual.**DESCRIPTION:** An inconspicuous winter annual, 2-6 cm tall, that produces small blue flowers with white throats in early spring.**PHOTOGRAPHS:** none known.**ILLUSTRATIONS:** Joyal (1986).**SPECIFIC REFERENCES:**

Daubenmire, R. 1970. Steppe vegetation of Washington. Washington Agricultural Experiment Station Technical Bulletin 62.

Joyal, E. 1986. A new species of *Collomia* (Polemoniaceae) from the Great Basin. *Brittonia* 38: 243-248.Morefield, J. D. 1992. Interim status report for *Collomia renacta* Joyal. Carson City: Nevada Natural Heritage Program, prepared for the Bureau of Land Management, Elko District, Elko, Nevada.